

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 23. (Cancelled)

24. (Currently Amended) A method of magnetic resonance imaging of a kidney

in vascularized human or non human body comprising the steps of:

administering into the vasculature of said body a bolus of a blood pool MR contrast agent;

generating a contrast enhanced MR image of said kidney during the first pass of said contrast agent;

generating at least one further MR image of said kidney after the concentration of said contrast agent throughout the blood of said body has become substantially uniform; ~~and~~

~~generating thereby allowing~~ both visualisation and gradation of renal artery stenosis and quantification of renal perfusion.

25. (Previously presented) The method of claim 24, wherein said blood pool MR contrast agent is a superparamagnetic contrast agent.

26. (Currently Amended) The method of claim 24, wherein ~~said blood pool MR contrast agent~~ the method of said blood pool MR contrast agent further comprises magnetic iron oxide particles having on their surfaces an optionally modified polysaccharide and optionally a material which inhibits opsonization.

27. (Currently Amended) The method of claim 24, wherein ~~said blood pool MR contrast agent~~ the method of said blood pool MR contrast agent further comprises superparamagnetic iron oxide particles having on their surfaces degraded starch.

28. (Previously presented) The method of claim 24, wherein said contrast enhanced MR image of said kidney generated during the first pass of said contrast agent is a T_2^* -weighted image.

29. (Previously presented) The method of claim 24, wherein said at least one further MR image of said kidney generated after the concentration of said contrast agent throughout the blood of said body has become substantially uniform is a T_1 -weighted image.

30- 31. (Cancelled)

32. (Previously presented) The method of claim 24, wherein said contrast enhanced MR image of said kidney generated during the first pass of said contrast agent is used to quantify intra-parenchymal blood volume.

33. (Previously presented) The method of claim 32, wherein said method is used to assess parenchymal damage.